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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20070005
Agency Interest No. 3443

Mr. Barry Garcia
Plant Manager
2792 Obrie St
Zwolle, LA 71486

RE: Part 70 Operating Permit, Zwolle Plywood and Sawmill
Weyerhaeuser NR Company, Zwolle, Sabine Parish, Louisiana

Dear Mr. Garcia:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 21st of May, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No.: 2700-00007-V4

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:dcd
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Zwolle Plywood and Sawmill
Agency Interest No.: 3443
Weyerhaeuser NR Company
Zwolle, Sabine Parish, Louisiana**

I. Background

Zwolle Plywood and Sawmill is an existing facility located in Sabine Parish near Zwolle. Currently the site operates under Permit No. 2700-00007-V3, dated May 21, 2007. Zwolle Plywood began operations prior to 1969 as Hunt Lumber Company. It was purchased in 1973 by Willamette Industries, Inc. Weyerhaeuser Company purchased the facility in 2002.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Weyerhaeuser NR Company on October 26, 2007, requesting a Part 70 operating permit modification. Additional information dated November 6, 2007, and January 2, 2008, was also received.

III. Description

Zwolle Plywood and Sawmill manufactures plywood from southern yellow pine logs. Logs are debarked and sawed to the desired length, heated in the steam chests, and then peeled into veneers. Green veneers are dried in two veneer dryers using steam and natural gas. Dried veneers are assembled, layer by layer, glued together using a phenol-formaldehyde resin based glue between plies to form plywood. Assembled plywood panels are hot pressed, trimmed to size, bundled, and stored prior to shipping.

The short pieces of leftover logs ("lilly pads") from block sawing are chipped and screened. Acceptable chips are stored in bins for sale to paper manufacturers. Unacceptable chips are stored in the fuel storage area to be used as fuel in the wood/bark fired boiler.

Zwolle Plywood and Sawmill processes its own cores, as well as cores generated at other Weyerhaeuser facilities. The facility has a capacity to manufacture 306 MM square feet, 3/8" basis, of plywood and 75 MM board feet (bf) of lumber annually.

Emissions sources include the regenerative catalytic/thermal oxidizer, waste wood fired boiler, electrostatic precipitator, two veneer dryers, debarker, and naturally occurring VOCs from the lumber kilns. Particulate emissions from wood sawing, planing, sanding, and trimming operations are controlled by cyclone separators having design efficiencies of greater than 90 percent.

With this modification, Zwolle Plywood and Sawmill proposes to:

- Incorporate the provisions of 40 CFR 63 Subpart DDDD.
- Remove the requirement to maintain compliance with the Regenerative Catalytic Oxidizer (RCO) Parametric Monitoring Plan that applies to the RTO (RCO) (EQT 19),

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- instead complying with the provisions of 40 CFR 63 Subpart DDDD.
- Remove the 40 CFR 64 – Compliance Assurance Monitoring requirements that apply to the RTO (RCO) (EQT 19). Since the source is subject to 40 CFR 63 Subpart DDDD, the provisions of 40 CFR 64 no longer apply.
 - Reincorporate Veneer Dryers #1 and #2 into the permit. The facility has previously received approval to demolish these veneer dryers and to construct two new veneer dryers. The facility has decided to cancel their construction plans and will instead rebuild the existing dryers, Veneer Dryer #1 (EQT 31) and Veneer Dryer #2 (EQT 32).

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	94.26	94.26	-
SO ₂	11.22	11.22	-
NO _X	114.63	114.63	-
CO	273.09	273.09	-
VOC *	259.87	259.87	-

<u>*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>
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<u>Pollutant</u>	<u>Emissions</u>	<u>Pollutant</u>	<u>Emissions</u>
Acetaldehyde	5.30	Arsenic (and compounds)	0.010
Benzene	1.85	Barium (and compounds)	0.074
Ethylbenzene	0.01	Beryllium (Table 51.1)	< 0.001
Formaldehyde	9.22	Cadmium (and compounds)	0.002
n-Hexane	0.01	Chlorine	39.31
Methanol	21.83	Chromium VI (and compounds)	0.002
Methyl ethyl ketone	0.13	Cobalt (and compounds)	0.003
Methyl isobutyl ketone	0.11	Copper (and compounds)	0.021
Phenol	3.81	Lead compounds	0.021
Toluene	0.04	Manganese (and compounds)	2.05
Xylene	0.04	Mercury (and compounds)	0.004

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<u>*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>		<u>Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):</u>	
Pollutant	Emissions	Pollutant	Emissions
		Nickel (and compounds)	0.013
		Selenium (and compounds)	0.001
		Zinc (and compounds)	0.183
Total	42.35		41.695
Other VOC (TPY):		217.52	

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Chlorine (and compounds) (Class III) and Methanol (Class III) are emitted in amounts in excess of the major source threshold. Acetaldehyde (Class II), Barium (and compounds) (Class II), Benzene (Class I), Chlorine (Class III), Copper (and compounds) (Class II), Formaldehyde (Class I), Manganese (and compounds) (Class II), Methanol (Class III), Phenol (Class II), and Zinc (and compounds) (Class III),are emitted in amounts that exceed their respective Minimum Emission Rate (MER). MACT must be addressed for emissions of Class I or Class II Toxic Air Pollutants in excess of their respective MER that occur at major sources of Toxic Air Pollutants. MACT has been determined to be compliance with 40 CFR 63 Subpart DDDD – Plywood and Composite Wood Products.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit

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condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: <None>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. General Condition XVII Activities

None

IX. Insignificant Activities

ID No.:	Description	Capacity	Citation
-	Engine Oil Tank	200 gallons	LAC 33:III.501.B.5.A.2

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ID No.:	Description	Capacity	Citation
-	Kerosene Drum	55 gallons	LAC 33:III.501.B.5.A.2
-	Gear Oil Tank	200 gallons	LAC 33:III.501.B.5.A.2
-	Gear Oil Tank	550 gallons	LAC 33:III.501.B.5.A.3
-	Engine Oil Tank	1,000 gallons	LAC 33:III.501.B.5.A.3
-	Engine Oil Tank	1,000 gallons	LAC 33:III.501.B.5.A.3
-	Hydraulic Oil Tank	1,000 gallons	LAC 33:III.501.B.5.A.3
-	Hydraulic Oil Tank	3,000 gallons	LAC 33:III.501.B.5.A.3
-	Diesel Tank	4,000 gallons	LAC 33:III.501.B.5.A.3
-	Diesel Tank	4,000 gallons	LAC 33:III.501.B.5.A.3
-	Additive Tanks	N/A	LAC 33:III.501.B.5.B.8
-	Log Wetting Area	N/A	LAC 33:III.501.B.5.B.20
-	Winter Maintenance Activities	N/A	LAC 33:III.501.B.5.B.22
-	Motor Oil Tanks (2)	285 gallons	LAC 33:III.501.B.5.A.3

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5▲	509	9	11	13	15	2103	2104*	2107	2113	2115	2116*	2123	22	29*	51*	53*	56
UNF1	Entire Facility	1	1	1	1	1								1				1	1
EQT010	003 - Wood-Fired Boiler				1	1	1												
EQT011	006 - Planer Shavings Cyclone with PFF						1												
EQT012	007 - Plytrim & Hogged Wood Cyclone with PFF						1												
EQT013	011 - Green Veneer Cyclone Separator						1												
EQT014	013 - Gas Fired Lumber Dry Kiln No. 3						1	1	3							1			
EQT015	017 - Gas Fired Lumber Dry Kiln No. 4						1	1	3							1			
EQT016	014 - Press Emissions														3		1		
EQT017	015 - Ring Debarker						1												
EQT018	016 - Gasoline Storage Vessel							1											
EQT019	019 - RTO (RCO)									1	1	3			3		1		
EQT020	022 - Steamvat Emissions																1		
EQT021	023 - Lathe Emissions																1		
EQT031	028 - Veneer Dryer #1 (Cooling Zones)									1	1	3				1			
EQT032	029 - Veneer Dryer #2 (Cooling Zones)									1	1	3				1			

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		5▲	509	9	11	13	15	2103	2104*	2107	2113	2115	2116*	2123	22	29*	51*	53*	56	59*
EQT033	VD1HZ – Veneer Dryer #1 (Hot Zones)																			
EQT034	VD2HZ – Veneer Dryer #2 (Hot Zones)																			
FUG002	012 – Fugitive Resin Emissions																			
FUG003	018 – Plytrim Truckbin Loading Fugitive Dust																			
FUG004	021 – Plant Fugitive Particulate Emissions																			
FUG005	024 – Veneer Dryer Emissions																			
GRP004	025 – Emission Cap for Veneer Dryers																			
GRP005	026 – Emission Cap for Kilns No. 3 and No. 4																			

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III .501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR		
		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	HH	SS	VV	DDDD	64	68		
UNF1	Entire Facility																		1			
EQT010	003 – Wood-Fired Boiler																			1		
EQT011	006 – Planer Shavings Cyclone with PFF																			1		
EQT012	007 – Plytrim & Hogged Wood Cyclone with PFF																			1		
EQT013	011 – Green Veneer Cyclone Separator																			1		
EQT014	013 – Gas Fired Lumber Dry Kiln No. 3																			1		
EQT015	017 – Gas Fired Lumber Dry Kiln No. 4																			1		
EQT016	014 – Press Emissions																			1		
EQT017	015 – Ring Debarker																			1		
EQT018	016 – Gasoline Storage Vessel																			1		
EQT019	019 – RTO (RCC)																			1		
EQT020	022 – Steamvat Emissions																			1		
EQT021	023 – Lathe Emissions																			1		
EQT031	028 – Veneer Dyer #1 (Cooling Zones)																			1		
EQT032	029 – Veneer Dyer #2 (Cooling Zones)																			1		

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		A	K	Ka	Kb	Db	Dc	GG	KKK	III	A	J	V	A	HH	SS	VV	DDDD	64	68		
EQT033	VD1HZ – Veneer Dryer #1 (Hot Zones)																					
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- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQTs 14, 15, 19, 31, 32, and FUG 5	Emission Standards for Sulfur Dioxide [LAC 33:III.Chapter 15]	DOES NOT APPLY. Units emit less than 5 tons of SO ₂ per year. [LAC 33:III.1502.A.3]
EQT 16	Waste Gas Disposal [LAC 33:III.2115]	EXEMPT. VOC concentration <3000 ppmv. [LAC 33:III.2115.H.1.d]
EQT 19		DOES NOT APPLY. Vapor pressure < 1.5 psia. [LAC 33:III.2103.A]
FUG 2	Storage of Volatile Organic Compounds [LAC 33:III.2103]	

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

40 CFR PART 70 GENERAL CONDITIONS

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33.III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

40 CFR PART 70 GENERAL CONDITIONS

- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 26, 2007, along with supplemental information dated November 6, 2007, and January 2, 2008.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
 - E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 3443 Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
 Permit Number: 2700-00007-V4
 Air - Title V Regular Permit Minor Mod

Also Known As:	ID	Name	User Group	Start Date
	2700-000007	Weyerhaeuser Co - Zwolle Plywood	CDS Number	08-05-2002
93-0312940	LAD094089216	Federal Tax ID	Federal Tax ID	11-21-1999
091089216	LA0080764	Weyerhaeuser Zwolle Plywood	Hazardous Waste Notification	06-30-2002
unknown	LAR05N730	unknown	Inactive & Abandoned Sites	11-23-1999
LPDES #	LPDES #	LPDES #	LPDES Permit #	05-22-2003
LAR05N986	WP23-1	LPDES #	LPDES Permit #	04-01-2006
LWDPS #	11552	LWDPS #	LWDPS Permit #	06-17-2008
	GD-085-2645	X-Ray Registration Number	Radiation X-ray Registration Number	06-25-2003
	43964	Willamette Industries Inc	Solid Waste	12-21-2006
	43964	Willamette Industrial Zwolle Division	TEMPO Merge	01-08-2002
67721	67722	Zwolle Forestry Div	TEMPO Merge	03-19-2001
67722	67733	Zwolle Plywood Div	TEMPO Merge	03-19-2001
67733	8833	Willamette Industries	TEMPO Merge	07-30-2001
8833	71486WLMLT LAHWY	Zwolle Treating Plant Div	TEMPO Merge	03-19-2001
43002878		TRI #	Toxic Release Inventory	07-09-2004
		UST Facility ID (from UST legacy data)	UST FID #	10-12-2002

Physical Location: 2792 Obrie St
 Hwy 475 & 482
 Zwolle, LA 71486 Main Phone: 3186456124

Mailing Address: 33663 Weyerhaeuser Way S

Federal Way, WA 98001

Location of Front Gate: 31° 37' 39" latitude, 93° 38' 47" longitude, Coordinate Method: Lat/Long - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Barry Garcia	2792 Obrie St Zwolle, LA 71486	Barry.Garcia@Weye	Responsible Official for
Barry Garcia	2792 Obrie St Zwolle, LA 71486	3186456124 (WP)	Water Billing Party for
Barry Garcia	2792 Obrie St Zwolle, LA 71486	Barry.Garcia@Weye	Radiation Contact For
Barry Garcia	2792 Obrie St Zwolle, LA 71486	3186456124 (WP)	Responsible Official for
Barry Garcia	2792 Obrie St Zwolle, LA 71486	Barry.Garcia@Weye	Water Billing Party for
Barry Garcia	2792 Obrie St Zwolle, LA 71486	3186456124 (WP)	Radiation Contact For
Keilton Merrill	2792 Obrie St Zwolle, LA 71486	Kelton.Merrill@Weye	Emission Inventory Contact for
Keilton Merrill	2792 Obrie St Zwolle, LA 71486	3186456124 (WP)	Emission Inventory Contact for
Mike Murray	2792 Obrie St Zwolle, LA 71486	3186456124 (WP)	Haz. Waste Billing Party for

General Information

AI ID: 3443 Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-000007-V4
Air - Title V Regular Permit Minor Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
Weyerhaeuser NR Co	PO Box 9763 Federal Way, WA 980639763	2539242345 (WP)	Operates	
Weyerhaeuser NR Co	PO Box 9763 Federal Way, WA 980639763	2539242345 (WP)	Owns	
Weyerhaeuser NR Co	PO Box 9763 Federal Way, WA 980639763	2539242345 (WP)	Air Billing Party for	
Weyerhaeuser NR Co - Zwolle Plywood & Sawmill	2792 Obrie St Zwolle, LA 71486		Radiation Registration Billing Party for	
Weyerhaeuser NR Co - Zwolle Plywood & Sawmill	2792 Obrie St Zwolle, LA 71486		Emission Inventory Billing Party	
Williamette Industries Inc	PO Box 885 Ruston, LA 712730885		Formerly owned	

NAIC Codes:

321212, Softwood Veneer and Plywood Manufacturing

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
 Permit Number: 2700-000007-V4
 Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Zwolle Plywood and Sawmill						
EQT 0010 003	Wood-Fired Boiler		66074 lb/hr	65000 lb/hr		8760 hr/yr
EQT 0011 006	Planer Shavings Cyclone with PFF			32930.1 tons/yr		8400 hr/yr
EQT 0012 007	Plytrim & Hogged Wood Cyclone with PFF			29234.7 tons/yr		8760 hr/yr
EQT 0013 011	Green Veneer Cyclone Separator			5.19 tons/yr		8760 hr/yr
EQT 0014 013	Gas Fired Lumber Dry Kiln No. 3		15 MM board ft/yr			8400 hr/yr
EQT 0015 017	Gas Fired Lumber Dry Kiln No. 4		60 MM board ft/yr			8400 hr/yr
EQT 0016 014	Press Emissions		58.85 M sq ft/hr	306 MM sq ft/yr		8760 hr/yr
EQT 0017 015	Ring Debarker		79.19 tons/hr	600000 tons/yr		8760 hr/yr
EQT 0018 016	Gasoline Storage Vessel	2000 gallons				8760 hr/yr
EQT 0019 019	RTO (RCO)					8760 hr/yr
EQT 0020 022	Steamvat Emissions					8760 hr/yr
EQT 0021 023	Lathe Emissions					8760 hr/yr
EQT 0031 001	Veneer Dyer #1 (Cooling Zones)		36.6 M sq ft/hr			8760 hr/yr
EQT 0032 002	Veneer Dyer #2 (Cooling Zones)		23.5 M sq ft/hr			8760 hr/yr
EQT 0033 0D1HZ	Veneer Dyer #1 (Hot Zones)		54.7 M sq ft/hr			8760 hr/yr
EQT 0034 0D2HZ	Veneer Dyer #2 (Hot Zones)		21.4 M sq ft/hr			8760 hr/yr
FUG 0002 012	Fugitive Resin Emissions		4565 lb/hr	11880 tons/yr		8760 hr/yr
FUG 0003 018	Plytrim Truckbin Loading Fugitive Dust					8760 hr/yr
FUG 0004 021	Plant Fugitive Particulate Emissions					8760 hr/yr
FUG 0005 024	Veneer Dyer Fugitives					8760 hr/yr
Stack Information:						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
Zwolle Plywood and Sawmill						
EQT 0010 003	Wood-Fired Boiler	58.26	49359	4.5		50
EQT 0011 006	Planer Shavings Cyclone with PFF	14	15900	5		40
EQT 0012 007	Plytrim & Hogged Wood Cyclone with PFF	23	47000	7		56
EQT 0013 011	Green Veneer Cyclone Separator	1125	3534	2		25
EQT 0014 013	Gas Fired Lumber Dry Kiln No. 3	23.1	21404	1.5		20
EQT 0015 017	Gas Fired Lumber Dry Kiln No. 4	23.1	21404	1.5		20
EQT 0019 019	RTO (RCO)	47.7	56200	5		45
EQT 0031 001	Veneer Dyer #1 (Cooling Zones)	20	14450	4		40
EQT 0032 002	Veneer Dyer #2 (Cooling Zones)	19	14550	4		40
						125

Relationships:

INVENTORIES

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER2007005
 Permit Number: 2700-00007-V4
 Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Group Type	Group Description
GRP 0004	Equipment Group	025 - Veneer Dryer No. 1 and No. 2 CAP
GRP 0005	Equipment Group	026 - Dry Kilns No. 3 and No. 4 CAP
GRP 0006	Equipment Group	- Generic CAM Requirements
UNF 0001	Unit or Facility Wide	AI3443 - Zwolle Plywood and Sawmill

Group Membership:

ID	Description	Member of Groups
EQT 0010	003 - Wood Fired Boiler	GRP0000000006
EQT 0011	006 - Planer Shavings Cyclone with PFF	GRP0000000006
EQT 0012	007 - Pyrim & Hogged Wood Cyclone with PFF	GRP0000000006
EQT 0014	013 - Gas Fired Lumber Dry Kiln No. 3	GRP0000000005
EQT 0015	017 - Gas Fired Lumber Dry Kiln No. 4	GRP0000000005
EQT 0019	019 - RTO (RCO)	GRP0000000006
EQT 0031	001 - Veneer Dryer #1 (Cooling Zones)	GRP0000000004
EQT 0032	002 - Veneer Dryer #2 (Cooling Zones)	GRP0000000004

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0270	0270 Softwood Veneer and Plywood	1	

SIC Codes:

2436	Softwood veneer and plywood	AI 3443
2436	Softwood veneer and plywood	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER2007005
 Permit Number: 2700-00007-V4
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Zwolle Plywood and Sawmill															
EQT 0010 003	38.21	57.32	166.91	14.16	21.24	61.86	3.60	5.40	15.73	2.50	3.75	10.92	1.30	1.95	5.68
EQT 0011 006							3.14	3.92	13.17						
EQT 0012 007							2.68	3.35	11.70						
EQT 0013 011							0.60	1.19	2.60						
EQT 0014 013		13.93		0.64			0.49				0.02			37.46	
EQT 0015 017			55.72		2.57		1.97				0.06			149.83	
EQT 0016 014							4.21	7.06	18.36				9.53	16.01	41.63
EQT 0017 015							0.16	0.19	0.72						
EQT 0018 016												0.09	0.44	0.39	
EQT 0019 019	11.03	18.76	48.17	9.41	15.20	41.12	4.11	6.96	17.94	0.03	0.04	0.13	5.82	9.98	25.42
EQT 0020 022													0.57	1.13	2.48
EQT 0021 023													3.25	5.68	14.19
EQT 0031 001		0.69		0.83				2.04			0.01			3.06	
EQT 0032 002		0.58		0.69				1.32			0.01			1.98	
FUG 0002 012												0.70	1.17	3.05	
FUG 0003 018							<0.01	0.28	0.01						
FUG 0004 021							0.05	0.44	0.19						
FUG 0005 024	1.10	1.88	4.82	0.94	1.52	4.11	0.79	1.34	3.45	<0.01	0.01	0.01	5.28	9.06	23.06
GRP 0004 025	1.02		4.44	1.21			5.29	1.98		8.66	0.01		0.03	2.95	12.87
GRP 0005 026	11.61		48.75	0.54			2.25	0.41		1.73	0.03		0.13	31.22	131.10

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill

Activity Number: PER20070005

Permit Number: 2700-00007-V4

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0010 003	Acetaldehyde	0.08	0.13	0.36
	Arsenic (and compounds)	0.002	0.003	0.010
	Barium (and compounds)	0.017	0.026	0.074
	Benzene	0.42	0.63	1.84
	Beryllium (Table 51.1)	<0.001	<0.001	<0.001
	Cadmium (and compounds)	<0.001	<0.001	0.002
	Chlorine	9.00	9.00	39.31
	Chromium VI (and compounds)	<0.001	<0.001	0.002
	Cobalt compounds	0.001	0.001	0.003
	Copper (and compounds)	0.005	0.007	0.021
	Formaldehyde	0.44	0.66	1.92
	Lead compounds	0.005	0.007	0.021
	Manganese (and compounds)	0.47	0.47	2.05
	Mercury (and compounds)	0.001	0.001	0.004
EQT 0014 013	Nickel (and compounds)	0.003	0.003	0.013
	Selenium (and compounds)	<0.001	<0.001	0.001
EQT 0015 017	Zinc (and compounds)	0.042	0.063	0.183
	Formaldehyde		1.01	
EQT 0016 014	Methanol		2.57	
	Formaldehyde		4.03	
EQT 0018 016	Methanol		10.29	
	Acetaldehyde	0.15	0.25	0.64
	Formaldehyde	0.03	0.05	0.14
	Methanol	1.61	2.71	7.04
	Methyl ethyl ketone	0.03	0.05	0.13
	Methyl isobutyl ketone	0.03	0.04	0.11
EQT 0019 019	Phenol	0.05	0.08	0.22
	Benzene	<0.01	0.01	0.01
	Ethyl benzene	<0.01	0.01	0.01
	Toluene	0.01	0.05	0.04
	Xylene (mixed isomers)	0.01	0.04	0.04
EQT 0019 019	n-Hexane	<0.01	0.01	0.01
	Acetaldehyde	0.44	0.75	1.90

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill

Activity Number: PER20070005

Permit Number: 2700-00007-V4

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0019 019	Formaldehyde	0.35	0.60	1.53
	Methanol	0.25	0.43	1.10
	Phenol	0.04	0.07	0.19
EOT 0020 022	Acetaldehyde	0.18	0.36	0.78
	Methanol	0.28	0.55	1.21
EOT 0021 023	Acetaldehyde	0.03	0.06	0.15
	Formaldehyde	0.01	0.02	0.06
	Methanol	0.45	0.79	1.98
EOT 0031 001	Acetaldehyde		0.13	
	Formaldehyde		0.02	
	Methanol		0.21	
	Phenol		0.37	
EOT 0032 002	Acetaldehyde		0.08	
	Formaldehyde		0.01	
	Methanol		0.14	
	Phenol		0.24	
FUG 0002 012	Formaldehyde	0.27	0.46	1.19
	Methanol	0.02	0.03	0.08
	Phenol	0.41	0.69	1.78
FUG 0005 024	Acetaldehyde	0.22	0.37	0.95
	Formaldehyde	0.18	0.30	0.77
	Methanol	0.13	0.22	0.55
	Phenol	0.02	0.04	0.09
GRP 0004 025	Acetaldehyde	0.12		0.52
	Formaldehyde	0.02		0.08
	Methanol	0.20		0.87
	Phenol	0.35		1.53
GRP 0005 026	Formaldehyde	0.84		3.53
	Methanol	2.14		9.00
UNF 0001 AI3443	Acetaldehyde			5.30
	Arsenic (and compounds)			0.010
	Barium (and compounds)			0.074
	Benzene			1.85

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill

Activity Number: PER20070005

Permit Number: 2700-00007-V4

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 AI3443	Beryllium (Table 51.1)			<0.001
	Cadmium (and compounds)			0.002
	Chlorine			39.31
	Chromium VI (and compounds)			0.002
	Cobalt compounds			0.003
	Copper (and compounds)			0.021
	Ethyl benzene			0.01
	Formaldehyde			9.22
	Lead compounds			0.021
	Manganese (and compounds)			2.05
	Mercury (and compounds)			0.004
	Methanol			21.83
	Methyl ethyl ketone			0.13
	Methyl isobutyl ketone			0.11
	Nickel (and compounds)			0.013
	Phenol			3.81
	Selenium (and compounds)			0.001
	Toluene			0.04
	Xylene (mixed isomers)			0.04
	Zinc (and compounds)			0.183
	n-Hexane			0.01

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0010 003 - Wood-Fired Boiler

- Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
- The voltage of the ESP shall range from 15 to 50 kV on at least one of the fields. An excursion is defined as a voltage less than 15 kV or greater than 50 kV on both fields for more than 6 minutes. An excursion is also when the opacity as determined by EPA Reference Method 9 is greater than 20 percent when the voltmeter indicates a voltage greater than 15 kV and less than 50 kV on both fields. One field can be down as long as the other field is maintained within the specified range. Permittee shall measure opacity of the gases exiting the control device using EPA Reference Method 9 when the voltmeter indicates a voltage greater than 15 kV and less than 50 kV on both fields. [40 CFR 64.6(c)(1)]
- Submit Notification: Due at the DEQ upon the establishment or reestablishment of any excursion or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Restore operation of the electrostatic precipitator to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the permit limits or the LAC 33:III.1311.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Threshold Limit: A Threshold limit is defined as six excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). [40 CFR 64.9(b)(1)]
- Monitor the voltmeters continuously. Record the voltage once daily.

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
 Permit Number: 2700-00007-V4
 Air - Title V Regular Permit Minor Mod

EQT 0010 003 - Wood-Fired Boiler

- 12 [40 CFR 64] Permittee shall install, operate and maintain continuous monitors for the Wood Fired Boiler to provide a continuous record of oxygen concentration in the stack gas except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Facility Specific Requirements of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. The continuous oxygen monitor for the wood fired boiler that will be installed as a condition of this permit shall conform to the specifications of 40 CFR 60; Appendix B. Oxygen monitoring records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- Average Total Selected Metal (TSM) <= 0.100 lbs/hr (including arsenic, beryllium, cadmium, chromium, lead, manganese, nickel, and selenium compounds).
- Maximum Total Selected Metal (TSM) <= 0.437 tons/yr (including arsenic, beryllium, cadmium, chromium, lead, manganese, nickel, and selenium compounds).
- The Wood Fired Boiler shall be operated with a flue gas oxygen concentration greater than or equal to 2%, based on an hourly average, except during grate raking/soot blowing operations. A report listing the total hours that the wood fired boiler operated below the specified oxygen concentration shall be submitted to the Office of Environmental Compliance, Enforcement Division by February 15 for the preceding calendar year.
- Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBTu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 13 [LAC 33:III.1101.B]
- 14 [LAC 33:III.1313.C]
- 15 [LAC 33:III.1513.C]
- 16 [LAC 33:III.501.C.6]
- 17 [LAC 33:III.501.C.6]
- 18 [LAC 33:III.507.H.1.a]
- 19 [LAC 33:III.507.H.1.a]
- 20 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0010 003 - Wood-Fired Boiler

21 [LAC 33:III.507.H.1.a]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

22 [LAC 33:III.5107.A.2]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT). A MACT analysis approved on 06/05/01 states the following as the MACT determination for the Wood Fired Boiler: "good wood combustion in the boiler and operation of the existing electrostatic precipitator represents MACT for TAPs."

EQT 0011 006 - Planer Shavings Cyclone with PFF

24 [40 CFR 64.3.b.3]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

25 [40 CFR 64.6.c.2]

Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

26 [40 CFR 64.7.a]

Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

27 [40 CFR 64.7.b]

Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

28 [40 CFR 64.7.c]

Conduct daily opacity monitoring required under 40 CFR 64 at all times that the baghouse is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments. Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device. [40 CFR 64.7(c)]

29 [40 CFR 64.7.d.1]

Restore operation of the baghouse to its normal or usual manner of operation as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
 Permit Number: 2700-00007-V4
 Air - Title V Regular Permit Minor Mod

EQT 0011 006 - Planer Shavings Cyclone with PFF

30 [40 CFR 64.7.e] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the permit limits or the LAC 33:III.1311.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

Threshold Limit: A Threshold limit is defined as six excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditious as practicable. [40 CFR 64.8(a)]
 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). [40 CFR 64.9(b)(1)]
 Daily visual inspection for opacity shall discover any leaks or maintenance requirements associated with the system. Semiannual inspections shall be conducted to determine the need for maintenance. Additionally, inspections shall be conducted whenever the daily visual check indicates opacity > 20%. Filter elements shall be replaced as required. A daily reading of the differential pressure gauge shall indicate (in inches of water) a pressure differential due to increased difficulty for the air to pass through the bags.

An excursion is defined as differential pressure more than 3.5 inches of water. An excursion is also any missed daily differential pressure reading.
 Pressure monitored by visual inspection/determination daily. If the pressure differential is more than 3.5 inches of water, corrective actions shall be performed.
 Which Months: All Year Statistical Basis: Approved basis
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0012 007 - Plytrim & Hogged Wood Cyclone with PFF

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

SPECIFIC REQUIREMENTS

All ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0012 007 - Plytrum & Hogged Wood Cyclone with PFF

- Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- Conduct daily opacity monitoring required under 40 CFR 64 at all times that the baghouse is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments. Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the cyclone dust collector control device. [40 CFR 64.7(c)]
- Restore operation of the baghouse to its normal or usual manner of operation as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Include in the response minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the permit limits or the LAC 33:III.1311.C standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- Threshold Limit: A Threshold limit is defined as six excursions of the opacity limitation during any twelve month consecutive period. Upon exceeding the threshold limit, develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable. [40 CFR 64.8(a)]
- Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- Monitoring data recordkeeping by logbook continuously. Maintain records of observer records, corrective actions taken for excursions or missed readings, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). [40 CFR 64.9(b)(1)]
- Pressure monitored by visual inspection/determination daily. If the pressure differential is more than 3.5 inches of water, the system shall be shut down and repaired.
- Which Months: All Year Statistical Basis: Approved basis
An excursion is defined as differential pressure more than 3.5 inches of water. An excursion is also any missed daily differential pressure reading.
- Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0013 011 - Green Veneer Cyclone Separator

- 51 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Cyclone vents: Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Perform maintenance as necessary.
- 52 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Visible emissions monitored by visual inspection/determination daily at all times the cyclone is operating..
 Which Months: All Year Statistical Basis: None specified
- 53 [LAC 33:III.507.H.1.a] Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 54 [LAC 33:III.507.H.1.a] Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 55 [LAC 33:III.507.H.1.a]

EQT 0014 013 - Gas Fired Lumber Dry Kiln No. 3

- 56 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 57 [LAC 33:III.1311.C] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 58 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment.
- 59 [LAC 33:III.507.H.1.a] The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 60 [LAC 33:III.507.H.1.a]

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0014 013 - Gas Fired Lumber Dry Kiln No. 3

61 [LAC 33:III.5107.A.2]

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
No additional control determined as MACT.**EQT 0015 017 - Gas Fired Lumber Dry Kiln No. 4**

63 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
No additional control determined as MACT.**EQT 0016 014 - Press Emissions**

70 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
Permit Number: 2700-00007-V4
Air - Title V Regular Permit Minor Mod

EQT 0016 014 - Press Emissions

- | | |
|--------------------------|--|
| 71 [LAC 33:III.5107.A.2] | Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B. |
| 72 [LAC 33:III.5109.A.1] | Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
No additional control determined as MACT. |

EQT 0017 015 - Ring Debarker

- | | |
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| 73 [LAC 33:III.1305] | Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. |
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EQT 0018 016 - Gasoline Storage Vessel

- | | |
|--------------------------|---|
| 74 [LAC 33:III.2 03.A] | Equip with a submerged fill pipe. |
| 75 [LAC 33:III.2 03.H.3] | Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2 03.H.3.a-e. |
| 76 [LAC 33:III.2 03.I.] | Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2 03.I.1 - 7, as applicable. |
| 77 [LAC 33:III.5107.A.2] | Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B. |
| 78 [LAC 33:III.5109.A.1] | Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
Equipped with submerged fill pipe. Determined as MACT. |

EQT 0019 019 - RTO (RCO)

- | | |
|-----------------------|--|
| 79 [40 CFR 63.2240.b] | Temperature \geq 763 F, for the firebox temperature. This limitation reflects the temperature established during the compliance test performed in accordance with 40 CFR 63.22260. Subpart DDDD. [40 CFR 63.2240(b)] |
| 80 [40 CFR 63.2240] | Which Months: All Year Statistical Basis: 3-hour block average |
| 81 [40 CFR 63.2251.a] | Total hydrocarbon \geq 90 % reduction. Subpart DDDD. |
| 82 [40 CFR 63.2251.d] | Which Months: All Year Statistical Basis: None specified |
| 83 [40 CFR 63.2251.e] | Justify the need for the routine maintenance on the control device and the time required to accomplish the maintenance activities, describe the maintenance activities and the frequency of the maintenance activities, explain why the maintenance cannot be accomplished during process shutdowns, describe the plan to make reasonable efforts to minimize emissions during the maintenance, and provide any other documentation required by EPA, if requesting a routine control device maintenance exemption from EPA for routine maintenance events such as control device bakeouts, washouts, media replacement, and replacement of corroded parts. Subpart DDDD. [40 CFR 63.2251(a)] |
| | Minimize emissions to the greatest extent possible during routine control device maintenance periods. Subpart DDDD. [40 CFR 63.2251(d)] |
| | Schedule startup and shutdown of emission control systems, to the extent practical, during times when process equipment is also shut down. Subpart DDDD. [40 CFR 63.2251(e)] |

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
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EQT 0019 019 - RTO (RCO)

- 84 [40 CFR 63.2260] Demonstrate initial compliance with each applicable compliance option, operating requirement, and work practice requirement according to 40 CFR 63 Subpart DDDD Tables 5 and 6. Conduct performance tests and establishing each site-specific operating requirement in 40 CFR 63 Subpart DDDD Table 2 according to the requirements in 40 CFR 63.2262 and 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 85 [40 CFR 63.2262] Conduct each performance test according to the requirements in 40 CFR 63.7(e)(1), the requirements in 40 CFR 63.2262(b) through (o), and according to the methods specified in 40 CFR 63 Subpart DDDD Table 4. Subpart DDDD.
- 86 [40 CFR 63.2269.b.4] Temperature monitoring device: Perform an electronic calibration at least semiannually according to the procedures in the manufacturer's owners manual. Following the electronic calibration, conduct a temperature sensor validation check in which a second or redundant temperature sensor placed nearby the process temperature sensor must yield a reading within 30F of the process temperature sensor's reading. Subpart DDDD. [40 CFR 63.2269(b)(4)]
- 87 [40 CFR 63.2269.b.5] Temperature monitoring device: Conduct calibration and validation checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor. Subpart DDDD. [40 CFR 63.2269(b)(5)]
- 88 [40 CFR 63.2269.b.6] Temperature monitoring device: Inspect all components for integrity and all electrical connections for continuity, oxidation, and galvanic corrosion at least quarterly. Subpart DDDD. [40 CFR 63.2269(b)(6)]
- 89 [40 CFR 63.2269.b] Temperature monitored by temperature monitoring device continuously. Locate the temperature sensor in a position that provides a representative temperature. Subpart DDDD. [40 CFR 63.2269(b)]
- 90 [40 CFR 63.2271.a] Which Months: All Year Statistical Basis: 3-hour block average
- 91 [40 CFR 63.2282] Demonstrate continuous compliance with the applicable compliance options, operating requirements, and work practice requirements in 40 CFR 63.2240 and 63.2241 according to the methods specified in 40 CFR 63 Subpart DDDD Tables 7 and 8. Subpart DDDD. [40 CFR 63.2271(a)]
- 92 [40 CFR 63.2283] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2282(a) through (e), as applicable. Subpart DDDD.
- 93 [LAC 33.III.1101.B] Keep records in a form suitable and readily available for expeditious review as specified in 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record. The remaining 3 years may be kept offsite. Subpart DDDD.
- 94 [LAC 33.III.1311.C] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 95 [LAC 33.III.501.C.6] Which Months: All Year Statistical Basis: Six-minute average
- Permittee shall demonstrate compliance with the nitrogen oxide and carbon monoxide emission limits of this permit by performing stack tests on the Regenerative Catalytic/THERMAL OXIDIZER during the catalytic mode (normal operating method). Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E-Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10-Determination of Carbon Monoxide Emissions from Stationary Sources. Alternate stack test methods may be used with prior approval of the Environmental Technology Division, Engineering Services. This test shall be repeated upon start-up of the alternate method of operation, the regenerative thermal mode. Test performed on January 23, 2002.

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
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EQT 0019 019 - RTO (RCO)

- 96 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity during the catalytic mode (normal operating method). Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 97 [LAC 33:III.507.H.1.a] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.
- 98 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 99 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 100 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be compliance with all applicable provisions of 40 CFR 63 Subpart DDDD.

EQT 0020 022 - Steamvat Emissions

- 101 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 102 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No additional control is determined as MACT.

EQT 0021 023 - Lathe Emissions

- 103 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 104 [LAC 33:III.5109.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No additional control is determined as MACT.

EQT 0031 001 - Veneer Dryer #1 (Cooling Zones)

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
 Activity Number: PER20070005
 Permit Number: 2700-000007-V4
 Air - Title V Regular Permit Minor Mod

EQT 0031 001 - Veneer Dryer #1 (Cooling Zones)

- 105 [LAC 33:III.1|01.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Include emissions of all toxic air pollutants listed in LAC 33:III.5|12, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional control is determined as MACT.
- 106 [LAC 33:III.1|01.C]
- 107 [LAC 33:III.5|07.A.2]
- 108 [LAC 33:III.5|09.A.1]

EQT 0032 002 - Veneer Dryer #2 (Cooling Zones)

- 109 [LAC 33:III.1|01.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Include emissions of all toxic air pollutants listed in LAC 33:III.5|12, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 No additional control is determined as MACT.
- 110 [LAC 33:III.1|01.C]
- 111 [LAC 33:III.5|07.A.2]
- 112 [LAC 33:III.5|09.A.1]

EQT 0033 VD1HZ - Veneer Dryer #1 (Hot Zones)

- 113 [LAC 33:III.5|07.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5|12, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 MACT is determined to be compliance with all applicable provisions of 40 CFR 63 Subpart DDDD.
- 114 [LAC 33:III.5|09.A.1]

EQT 0034 VD2HZ - Veneer Dryer #2 (Hot Zones)

- 115 [LAC 33:III.5|07.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5|12, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.

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EQT 0034 VD2HZ - Veneer Dryer #2 (Hot Zones)

- 116 [LAC 33:III.5|09.A.1] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 MACT is determined to be compliance with all applicable provisions of 40 CFR 63 Subpart DDDD.

FUG 0002 012 - Fugitive Resin Emissions

- 117 [LAC 33:III.5|07.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5|112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 Shall use resins with a free formaldehyde content less than 0.1% and a free phenol content less than 0.15%. Determined as MACT.

FUG 0003 018 - Plytrim Truckbin Loading Fugitive Dust

- 119 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.A.1-7.

FUG 0004 021 - Plant Fugitive Particulate Emissions

- 120 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.A.1-7.

FUG 0005 024 - Veneer Dryer Fugitives

- 121 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
 those specified in LAC 33:III.1305.A.1-7.
 Include emissions of all toxic air pollutants listed in LAC 33:III.5|112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5|05.B.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 Hot zones routed to the regenerative thermal oxidizer. Determined as MACT.

GRP 0004 025 - Veneer Dryer No. 1 and No. 2 CAP

- Group Members: EQT 0031EQT 0032
 Submit report: Due annually, by the 31st of March. Report the veneer production for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
 Veneer Production rate <= 306 MM sq ft/yr (318" basis). Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the annual veneer production rate exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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GRP 0004 025 - Veneer Dryer No. 1 and No. 2 CAP

126 [LAC 33.III.507.H.1.a]

Veneer Production rate recordkeeping by electronic or hard copy monthly. Keep records of the total veneer production each month, as well as the total veneer production for the last twelve months. Make records available for inspection by DEQ personnel.

Veneer Production rate monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified**GRP 0005 026 - Dry Kilns No. 3 and No. 4 CAP**

Group Members: EQT 0014EQT 0015

128 [LAC 33.III.507.H.1.a]

Submit report: Due annually, by the 31st of March. Report the total lumber production rate for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

Lumber Production rate recordkeeping by electronic or hard copy monthly. Keep records of the total lumber production rate each month, as well as the total lumber production rate for the last twelve months. Make records available for inspection by DEQ personnel.

Lumber Production rate monitored by technically sound method continuously.
Which Months: All Year Statistical Basis: None specified

Lumber Production rate <= 75 MM board ft/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the lumber production rate exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

GRP 0006 - Generic CAM Requirements

Group Members: EQT 0010EQT 0011EQT 0012EQT 0019

132 [40 CFR 64.3.b.3]

Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 3443 - Weyerhaeuser NR Co - Zwolle Plywood & Sawmill
Activity Number: PER20070005
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GRP 0006 - Generic CAM Requirements

- 137 [40 CFR 64.7.d.] Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 138 [40 CFR 64.7.e] Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the emission limitation or the standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 1 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 139 [40 CFR 64.9.a] Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 140 [40 CFR 64.9.b.1] Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

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- 141 [40 CFR 63] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Tables 1-10 of 40 CFR 63 Subpart DDDD.
- 142 [40 CFR 70.5.a.1.(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 143 [40 CFR 70.6.a.3.(ii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 144 [40 CFR 70.6.a.3.(ii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 145 [40 CFR 70.6.c.5.(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 146 [LAC 33-III.1(03)] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33-III.111 or intensify an existing traffic hazard condition are prohibited.

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UNF 0001 AI3443 - Zwolle Plywood and Sawmill

- 147 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 148 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 149 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 150 [LAC 33:III.501.C.6] Maximum Total Selected Metal (TSM) <= 0.437 tons/yr (including arsenic, beryllium, cadmium, chromium, lead, manganese, nickel, and selenium compounds).
- 151 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Subchapter A, after the effective date of the standard.
- 152 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.
- 153 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 154 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 155 [LAC 33:III.5107.A.2] Submit Annual Emissions Report (TEDI); Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 156 [LAC 33:III.5107.A.3] Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations".
- 157 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
- 158 [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 159 [LAC 33:III.919.D] Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- 160 [LAC 33:III.919.D] Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.